



TROPICAL CYCLONE BULLETIN NR. 28

Super Typhoon GORING (SAOLA)

Issued at 2:00 AM, 30 August 2023

Valid for broadcast until the next bulletin at 5:00 AM today.

SUPER TYPHOON GORING FURTHER INTENSIFIES WHILE PASSING OVER THE BALINTANG CHANNEL VERY CLOSE TO BABUYAN ISLAND

Location of Center (1:00 AM)	
<p>The center of the eye of Super Typhoon GORING was estimated based on all available data over the coastal waters of Calayan (Babuyan Is.), Cagayan (19.8°N, 122.0°E)</p>	
Intensity	
<p>Maximum sustained winds of 195 km/h near the center, gustiness of up to 240 km/h, and central pressure of 930 hPa</p>	
Present Movement	
Northwestward at 15 km/h	
Extent of Tropical Cyclone Winds	
<p>Strong to typhoon-force winds extend outwards up to 280 km from the center</p>	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 30 August 2023	20.0	121.3	Over the coastal waters of Sabtang, Batanes	195	STY	WNW 10
24-Hour Forecast 11:00 PM 30 August 2023	20.6	120.0	195 km West of Itbayat, Batanes	195	STY	WNW 15
36-Hour Forecast 11:00 AM 31 August 2023	21.2	118.7	330 km West of Itbayat, Batanes (OUTSIDE PAR)	185	STY	WNW 15
48-Hour Forecast 11:00 PM 31 August 2023	21.6	117.6	450 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	185	STY	WNW 10
60-Hour Forecast 11:00 AM 01 September 2023	21.8	116.7	545 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	185	STY	WNW 10
72-Hour Forecast 11:00 PM 01 September 2023	21.9	115.6	660 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	175	TY	W 10
96-Hour Forecast 11:00 PM 02 September 2023	21.8	114.3	790 km West of Itbayat, Batanes (OUTSIDE PAR)	155	TY	W Slowly
120-Hour Forecast 11:00 PM 03 September 2023	21.3	113.0	860 km West Northwest of Northern Luzon (OUTSIDE PAR)	120	TY	WSW Slowly



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
5 Wind threat: Typhoon-force winds	The northeastern portion of Babuyan Islands (Babuyan Is.)	-	-
	Warning lead time: 12 hours Range of wind speeds: 185 km/h or higher (Beaufort 12) Potential impacts of winds: Extreme threat to life and property		
4 Wind threat: Typhoon-force winds	The southern portion of Batanes (Sabtang, Uyugan, Ivana, Mahatao, Basco) and the northwestern and southeastern portions of Babuyan Islands (Camiguin Is., Calayan Is.)	-	-
	Warning lead time: 12 hours Range of wind speeds: 118 to 184 km/h (Beaufort 12) Potential impacts of winds: Significant to severe threat to life and property		
3 Wind threat: Storm-force winds	The rest of Batanes, the rest of Babuyan Islands, and the extreme northeastern portion of mainland Cagayan (Santa Ana)	-	-
	Warning lead time: 18 hours Range of wind speeds: 89 to 117 km/h (Beaufort 10 to 11) Potential impacts of winds: Moderate to significant threat to life and property		
2 Wind threat: Gale-force winds	The northern portion of mainland Cagayan (Gonzaga, Santa Praxedes, Claveria, Sanchez-Mira, Pamplona, Abulug, Ballesteros, Aparri, Buguey, Camalaniugan, Santa Teresita, Allacapan, Lal-Lo, Lasam, Gattaran), the northern portion of Ilocos Norte (Pagudpud, Adams, Bangui, Dumalneg), and the northern portion of Apayao (Calanasan, Luna, Santa Marcela, Flora, Pudtol)	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The northern portion of Isabela (Tumauini, San Pablo, Cabagan, Maconacon, Divilacan, Santa Maria, Santo Tomas, Quezon, Delfin Albano), the rest of Ilocos Norte, the rest of Cagayan, the rest of Apayao, northern portion of Abra (Tineg, Lagayan, Lacub, Malibcong) and the northern portion of Kalinga (Balbalan, Pinukpuk, Rizal, City of Tabuk)	-	-
	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

Forecast accumulated rainfall for today

- **Greater than 200 mm:** Babuyan Islands and Batanes
- **100-200 mm:** Ilocos Norte, the northern portion of Apayao, and the northwestern portion of mainland Cagayan.
- **50-100 mm:** The northeastern portion of mainland Cagayan, Abra, Ilocos Sur, and the rest of Apayao

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

The **enhanced Southwest Monsoon** will also bring occasional or monsoon rains over the western portions of Central Luzon, Southern Luzon, and Visayas over the next three days. For more information, refer to **Weather Advisory #11 for Southwest Monsoon** issued at 11:00 PM yesterday.

Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Violent, life-threatening conditions** from typhoon-force winds are possible within any of the areas where Wind Signals No. 4 and 5 are hoisted, resulting in **significant to extreme impacts**.
- **Moderate to significant** impacts from storm-force winds are possible within any of the areas where Wind Signal No. 3 is hoisted.
- **Minor to moderate impacts** from gale-force winds are possible within any of the areas under Wind Signal No. 2
- **Minimal to minor impacts** from strong winds are also possible within any of the areas under Wind Signal No. 1.

The **enhanced Southwest Monsoon** will continue to bring **gusty conditions** over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today:** Ilocos Region, Cordillera Administrative Region, Zambales, Bataan, Bulacan, Aurora, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, and Western Visayas
- **Tomorrow and on Friday:** Ilocos Region, Cordillera Administrative Region, Zambales, Bataan, Bulacan, Pampanga, Aurora, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, and Western Visayas

Coastal Inundation

There is a **moderate to high risk of storm surge** which may cause **flooding in the low-lying and exposed coastal areas** of the northern portion of Babuyan Islands and the southern portion of Batanes.

HAZARDS AFFECTING COASTAL WATERS

A **Gale Warning is in effect** for the seaboard of Luzon, seaboard of Visayas, and the northern seaboard of Mindanao. Disruption in civilian maritime activities is expected over these areas (e.g., suspension of sea travel) due to hazardous sea condition. For more information, refer to **Gale Warning #12** issued at 5:00 PM yesterday.



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TRACK AND INTENSITY OUTLOOK

- GORING is forecast to follow a mainly northwestward or west northwestward path across the Luzon Strait from today until it exits the Philippine Area of Responsibility (PAR) tonight or tomorrow morning. The latest track forecast indicates that the super typhoon will pass over the Balintang Channel in the next 6 hours, close to Babuyan Island and Batan-Sabtang Islands. The super typhoon will be passing through the region at or near its peak intensity.
- Outside the PAR region, the typhoon will continue its west northwestward movement for the remainder of Thursday before turning more westward on Friday, then west southwestward on Sunday (e.g., moving nearly parallel to the coast of Guangdong, China, although a landfall over the mainland China area on Sunday is not ruled out). Increasingly unfavorable conditions over the waters off the coast of Guangdong will trigger a weakening trend and by Sunday, it will have weakened to minimal typhoon strength.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

DOST-PAGASA

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